



# SANJANA S

## ACHIEVEMENTS

 A project on Male Infertility was selected and sanctioned Rs. 10,000 under Sri Ramachandra Summer Fellowship UG Grant 2016.

 Received first prize in free paper presentation session at Chettinadu International Fertility Colloquium - 2018

 Has won best paper in the International Conference "HORIZON 2019: The epitome of Biomedical Research" on March 2019.

## LANGUAGES

-  English
-  Tamil
-  Malayalam
-  Hindi
-  German

## EDUCATION

-  **2017 - 2019** **M. Sc., Biomedical Genetics**  
Dr. ALM PG IBMS, University of Madras , Taramani, Chennai.  
Gold medal with 85.4%
-  **2013 - 2017** **B. Sc., Biomedical Sciences (HUMAN GENETICS)**  
Sri Ramachandra University, Chennai.  
3 years of Biomedical Sciences and 1 year specialisation in HUMAN GENETICS (84.7%)
-  **2012- - 2013** **Higher Secondary**  
Sethu Bhaskara Matric. Hr. Sec. School, Chennai.  
91.8%
-  **2010 - 2011** **S.S.L.C**  
Sethu Bhaskara, Matric.Hr. Sec. School, Chennai.  
93.2%

## INTERESTS

-  **Molecular Biology**
-  **Molecular Cytogenetics**
-  **Prenatal Diagnosis and Preimplantation Genetics**
-  **Genetics Counselling and Pedigree analysis**
-  **Genetics and Infertility**
-  **Herbal Medicine**
-  **Developmental Biology and Embryology**
-  **C. elegans**

## PROFILE

Highly motivated, interested and passionate in learning new scientific skills. An enthusiastic team player with leadership quality and much interested in learning from fellow team members. Experienced in managing and completing multiple work schedules within the stipulated time.

## SKILLS

### Technical Skills

Praveshika in Hindi	●●●●●
Senior grade in English	●●●●●
Typewriting Course on Office Automation in Computer Handling	●●●●●

### Soft Skills

Leadership Course	●●●●●
State level On the Spot English Orator	●●●●●
Participated in several NGO events	●●●●●
Active participation in Sports	●●●●●
Participated in DEBATES	●●●●●

## CONTACT

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## INTERNSHIPS

- ✓ Completed a 6 months course in INVITRO BIOASSAY OF PRECLINICAL STUDY OF NATURAL PRODUCTS.
- ✓ Completed a 6 months course in HERBAL DRUG TECHNOLOGY.
- ✓ Completed a short course on APPLICATIONS AND TECHNIQUES IN ELECTRON MICROSCOPY at ADYAR CANCER INSTITUTE, Chennai.
- ✓ Completed summer internship on HIV and TB at NIRT-ICMR, Chennai.

## PROJECTS

- ✓ Analysis of AT1R gene A1166C polymorphism in ADPKD patients (2015).
- ✓ Aneuploidy and Y chromosome microdeletion screening in semen sample of Infertile men with abnormal Spermogram (UG Project).
- ✓ Gene Expression Analysis on Fertility Decline in C. elegans treated with caffeine (PG Project work).

## TECHNICAL SKILLS

- ✓ Isolation, purification and Quantification of RNA and DNA.
- ✓ Different Chromatographic techniques
- ✓ Handling basic lab equipments and Microscopes.
- ✓ FISH technique, Karyotyping, SNPs, Blotting techniques.
- ✓ Handling and culturing of C. elegans and zebra fish.
- ✓ RT-PCR, Real time PCR, Extraction of RNA from C. elegans
- ✓ Semen Analysis, Extraction of DNA from semen sample.